


 PATENT  
 Attorney Reference Number 4630-58963

RECEIVED

JUN 20 2003

TECH CENTER 1600/2900

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

application of: Browse *et al.*

Art Unit: 1652

Application No.: 09/857,583

Filed: August 17, 2001

 For: DESATURASES AND METHODS OF  
 USING THEM FOR SYNTHESIS OF  
 POLYUNSATURATED FATTY ACIDS

Examiner: Manjunath N. Rao

Date: June 11, 2003

 MAIL STOP SEQUENCE  
 COMMISSIONER FOR PATENTS  
 P.O. BOX 1450  
 ALEXANDRIA, VA 22313-1450
CERTIFICATE OF MAILING
 I hereby certify that this paper and the documents referred to as being  
 attached or enclosed herewith are being deposited with the United  
 States Postal Service on June 11, 2003 as First Class Mail in an  
 envelope addressed to: MAIL STOP SEQUENCE, COMMISSIONER  
 FOR PATENTS, P.O. BOX 1450, ALEXANDRIA, VA 22313-1450.

 Tanya M. Harding, Ph.D.  
 Attorney for Applicant
TRANSMITTAL LETTER

Enclosed for filing in the above-referenced application are the following:

- ☒ An Amendment and Response to Restriction Requirement
- ☒ A replacement Sequence Listing, including:
- ☒ Computer Readable Copy (diskette)
- ☒ Paper Copy (identical to computer copy), 10 pages
- ☒ Statement in compliance with 37 C.F.R. § 1.821 verifying identity of computer-readable and paper copies (integrated in Response to Restriction Requirement)

The fee has been calculated as shown below.

CLAIMS AS AMENDED					
For	No. after amendment	No. paid for previously	Present Extra	Rate	Fee
Total Claims	14	- 27*	= 0	\$9.00	\$ 0.00
Indep. Claims	4	- 4**	= 0	\$42.00	\$ 0.00
Three-month Extension of Time				\$465.00	\$465.00
TOTAL ADDITIONAL FEE FOR THIS AMENDMENT					\$465.00

\* greater of twenty or number for which fee has been paid.

\*\* greater of three or number for which fee has been paid.

- ☒ Applicants petition for an extension of time for the number of months indicated above. If an additional extension of time is required please consider this a petition therefor.
- ☒ A check in the amount of \$465.00 is attached.
- ☒ Please charge any additional fees that may be required in connection with filing this amendment and any extension of time, or credit any overpayment, to Deposit Account No. 02-4550. A copy of this sheet is enclosed.
- ☒ Please return the enclosed postcard to confirm that the items listed above have been received.

Respectfully submitted,

KLARQUIST SPARKMAN, LLP

By

Tanya M. Harding, Ph.D.  
Registration No. 42,630

One World Trade Center, Suite 1600  
121 S.W. Salmon Street  
Portland, Oregon 97204  
Telephone: (503) 226-7391  
Facsimile: (503) 228-9446

cc: Docketing